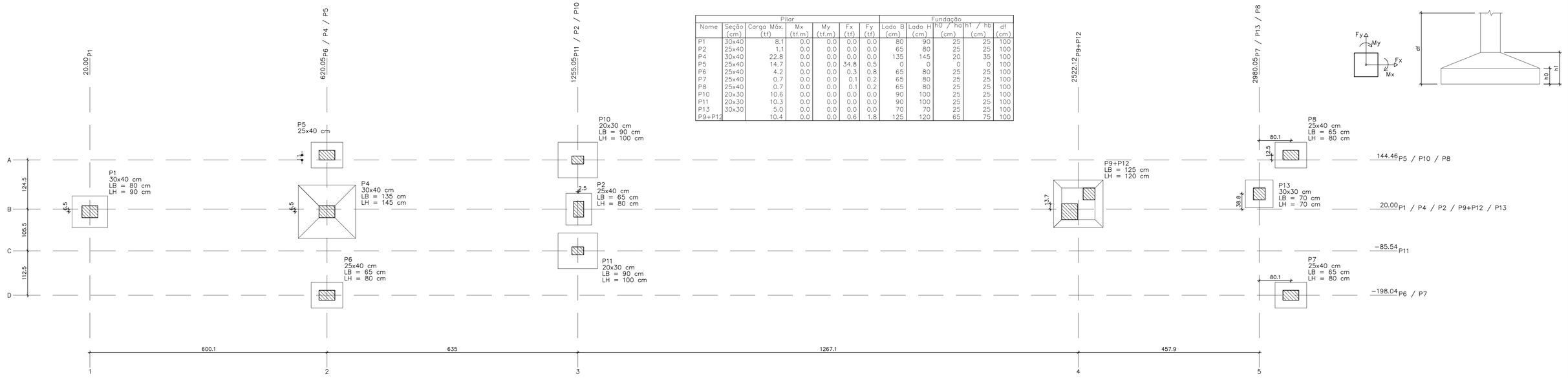
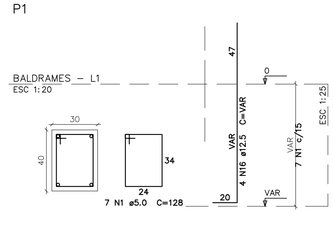
Pilar							Fundação				
Nome	Seção (cm)	Carga Máx. (tf)	Mx (tf.m)	My (tf.m)	Fx (tf)	Fy (tf)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)
P1	30x40	8.1	0.0	0.0	0.0	0.0	80	90	25	25	100
P2	25x40	1.1	0.0	0.0	0.0	0.0	65	80	25	25	100
P4	30x40	22.8	0.0	0.0	0.0	0.0	135	145	20	35	100
P5	25x40	14.7	0.0	0.0	34.8	0.5	0	0	0	0	100
P6	25x40	4.2	0.0	0.0	0.3	0.8	65	80	25	25	100
P7	25x40	0.7	0.0	0.0	0.1	0.2	65	80	25	25	100
P8	25x40	0.7	0.0	0.0	0.1	0.2	65	80	25	25	100
P10	20x30	10.6	0.0	0.0	0.0	0.0	90	100	25	25	100
P11	20x30	10.3	0.0	0.0	0.0	0.0	90	100	25	25	100
P13	30x30	5.0	0.0	0.0	0.0	0.0	70	70	25	25	100
P9+P12		10.4	0.0	0.0	0.6	1.8	125	120	65	75	100

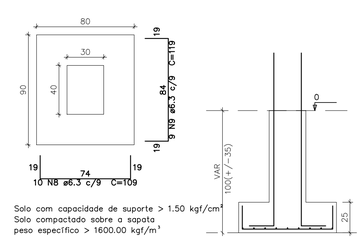


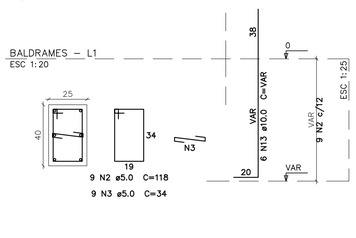
PLANTA DE LOCAÇÃO
escala 1:50

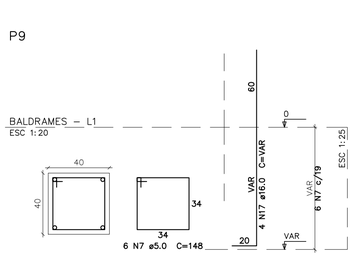
P1


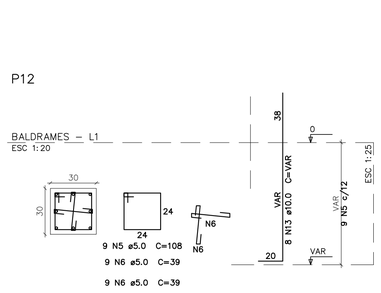
S1
PLANTA ESC 1:25

CORTE ESC 1:25



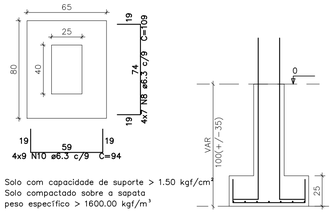
P2


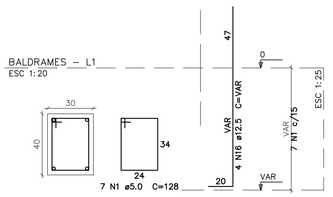
P9


P12


S2=S6=S7=S8
PLANTA ESC 1:25

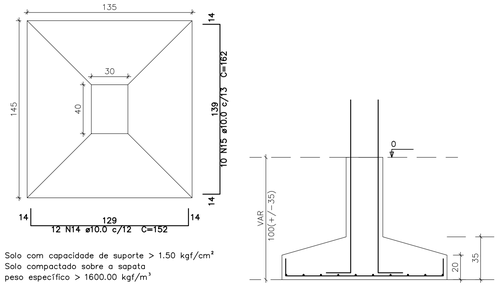
CORTE ESC 1:25

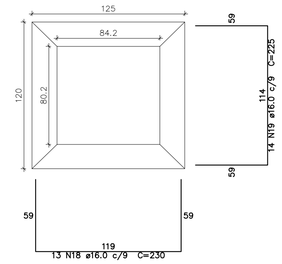


P4


S4
PLANTA ESC 1:25

CORTE ESC 1:25



P9 (detalhe)


Relação do aço

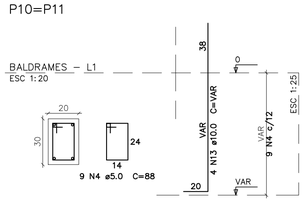
S1 2xS10 — S2 S13 — S4 S9–12

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	14	128	1792
	2	5.0	9	118	1062
	3	5.0	9	34	306
	4	5.0	18	88	1584
	5	5.0	16	108	1728
	6	5.0	18	39	702
	7	5.0	6	148	888
CA50	8	6.3	38	109	4142
	9	6.3	33	119	3927
	10	6.3	36	94	3384
	11	6.3	20	129	2580
	12	6.3	16	99	1584
	13	10.0	22	VAR	VAR
	14	10.0	12	152	1824
	15	10.0	10	162	1620
	16	12.5	12	VAR	VAR
	17	16.0	4	VAR	VAR
	18	16.0	13	230	2990
	19	16.0	14	225	3150

Resumo do aço

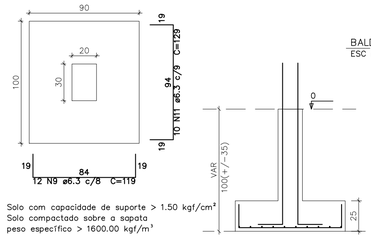
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	156.2	42
	10.0	68.8	46.6
	12.5	19.7	20.9
	16.0	68.5	118.8
CA60	5.0	80.7	13.7
PESO TOTAL			
CA50	228.3		
CA60	13.7		

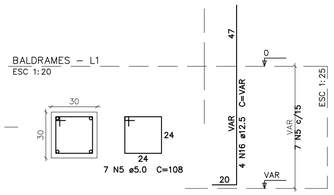
Vol. de concreto total (C−25) = 3.97 m³
Área de forma total = 24.66 m²

P10=P11


S10=S11
PLANTA ESC 1:25

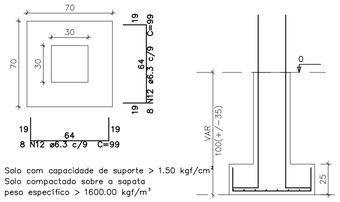
CORTE ESC 1:25



P13


S13
PLANTA ESC 1:25

CORTE ESC 1:25



REV.	DATA	DESCRIÇÃO DO TRABALHO E/OU REVISÃO
0	01/04/2019	EMISSÃO INICIAL

ASSINATURAS

APROVAÇÃO PROJETO

R.T. LEONARDO JOSÉ GOMES NETO
ENGENHEIRO CIVIL – CREA 90.678/D

PROP. PREFEITURA MUNICIPAL DE ARAUJOS – MG

IDENTIFICAÇÃO

PROJETO ESTRUTURA CONCRETO
PORTARIA – PARQUE DE EXPOSIÇÕES
DONA FILHINHA, 20, CENTRO, ARAUJOS – MG

TIPO: ESTRUTURA DE CONCRETO
MODELO: PQ. EXPOSIÇÕES CMA
DATA: ABRIL/2019
REV.: 00
FOLHA: 01/04
FORMATO: A1

CONTEÚDO

– LOCAÇÃO FUNDAÇÃO
– DETALHES DE FUNDAÇÕES